

IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims

1-16. (Canceled).

17. (New) A base station apparatus comprising:

a receiving section that receives information of the reception quality of a control channel signal measured at a communication terminal apparatus;

an estimation section that estimates the reception quality of a data channel signal at the communication terminal apparatus based on the information of the reception quality of said control channel signal and transmit power values of the control channel and the data channel signal at the base station apparatus; and

a transmitting section that transmits the data channel signal according to a modulation system and coding system decided using the estimated reception quality of the data channel signal.

18. (New) A communication terminal apparatus communicating with the base station apparatus according to claim 17, comprising:

a measuring section that measures the reception quality of said control channel signal sent from said base station apparatus; and

a transmitting section that transmits information of the measured reception quality of said control channel signal to said base station apparatus.

19. (New) A communication terminal apparatus comprising:

a measuring section that measures the reception quality of a control channel signal sent from a base station apparatus;

an estimating section that estimates the reception quality of a data channel signal based on the reception quality of said control channel signal and transmit power value information of the control channel signal and data channel signal sent from said base station apparatus; and

a transmitting section that transmits information of the estimated reception quality of the data channel signal to said base station apparatus.

20. (New) The communication terminal apparatus according to claim 19, further comprising:

a selecting section that selects a target base station apparatus with good estimated reception quality of the data

channel signal from among all the base station apparatuses as the request destination of the data channel signal, wherein:

said transmitting section transmits the information of the estimated reception quality of the data channel signal to said target base station apparatus.

21. (New) A base station apparatus communicating with the communication terminal apparatus according to claim 19, wherein said base station apparatus transmits the data channel signal according to a modulation system and coding system decided using the reception quality of said data channel signal estimated at said communication terminal apparatus.

22. (New) A communication terminal apparatus comprising:
a measuring section that measures the reception quality of a control channel signal sent from a base station apparatus;
an estimating section that estimates the reception quality of the data channel signal at the communication terminal apparatus based on the reception quality of said control channel signal and transmit power value information of the control channel signal and data channel signal sent from said base station apparatus; and

a transmitting section that transmits information of a modulation system and coding system used for the data channel signal decided using the estimated reception quality of the data channel signal to said base station apparatus.

23. (New) The communication terminal apparatus according to claim 22, further comprising:

a selecting section that selects a target base station apparatus with good estimated reception quality of the data channel signal from among all the base station apparatuses as the request destination of the data channel signal, wherein:

said transmitting section transmits information of the modulation system and coding system used for the data channel signal decided using the estimated reception quality of the data channel signal of said target base station apparatus to said target base station apparatus.

24. (New) A base station apparatus communicating with the communication terminal apparatus according to claim 22, comprising:

a receiving section that receives the information of said modulation system and coding system sent from said communication terminal apparatus; and

a transmitting section that transmits the data channel signal in said modulation system and coding system.

25. (New) A communication method comprising:

in a base station apparatus,

receiving information of the reception quality of a control channel signal measured at a communication terminal apparatus;

estimating the reception quality of a data channel signal at the communication terminal apparatus based on the received information of the reception quality of said control channel signal and transmit power values of the control channel signal and the data channel signal at the base station apparatus; and

transmitting the data channel signal according to a modulation system and coding system decided using the estimated reception quality of the data channel signal at the communication terminal apparatus.

26. (New) A communication method comprising:

measuring at a communication terminal apparatus the reception quality of a control channel signal;

estimating at the communication terminal apparatus the reception quality of a data channel signal at the communication terminal apparatus based on the measured reception quality of

said control channel signal and information of transmit power values of the control channel signal and the data channel signal at the base station apparatus;

receiving at the base station apparatus information of the estimated reception quality of the data channel signal at the communication terminal apparatus; and

transmitting at the base station apparatus the data channel signal according to a modulation system and coding system decided using the received information of the reception quality of the data channel signal at the communication terminal apparatus.

27. (New) A communication method comprising:

measuring at a communication terminal apparatus the reception quality of a control channel signal;

estimating at the communication terminal apparatus the reception quality of a data channel signal at the communication terminal apparatus based on the measured reception quality of said control channel signal and information of transmit power values of the control channel signal and the data channel signal at the base station apparatus;

deciding at the communication terminal apparatus a modulation system and coding system to be used for a data channel

signal using the estimated reception quality of the data channel
signal at the communication terminal apparatus;

receiving at the base station apparatus information of the
decided modulation system and coding system; and

transmitting at the base station apparatus the data channel
signal according to said modulation system and coding system.